

# Index to CAA Journal, Volume II

(January 15—December 15, 1950, Inclusive)

A	Page	Page
<b>Accidents:</b>		
Disclosure of accident information by Board employees, rule on.....	125	4
Fatal "weather" accidents, study by CAA.....	84	86
Non-air-carrier flying accidents in 1949.....	5	46
Pilot error in accidents.....	48	
Reports on accidents by CAB.....	11, 41, 64, 90, 119, 131, 138	
Aeronautical sales.....	11, 77, 119	
<b>Agricultural Flying:</b>		
(See also Dusting and Spraying)		
Increased use of planes in agriculture.....	5, 73, 135	
<b>Air Coordinating Committee:</b>		
Facilitation of international aviation.....	36, 60, 109	
Nautical mile adopted as standard of measurement.....	96	
<b>Air Defenses:</b>		
Air defense areas.....	25, 37, 72, 99	
Civil aviation's role in National defense.....	85, 97, 120	
<b>Air Transportation Institute:</b>	3	
<b>Aircraft:</b>		
Agricultural plane, development of.....	5, 20, 74	
Airworthiness requirements.....	61	
All-cargo transports.....	62	
Jet aircraft.....	14, 77	
Mechanical difficulties, reports of to CAA.....	111	
New type of aircraft, development of.....	49	
Smaller aircraft, use of by scheduled airlines.....	40	
Stall warning indicators for aircraft.....	24	
Transport aircraft, development of prototypes.....	5, 85	
<b>Airlines:</b>		
(See also Feeder Airlines)		
Aircraft in use by scheduled airlines.....	21	
American's certificate for route No. 4.....	116	
American Overseas Airlines, acquisition of by Pan American World Airways.....	95	
Capital Airlines, route extension.....	81	
Coach and promotional fares.....	2, 38, 51, 82, 132	
Continental Airlines, service to additional points.....	24	
Domestic route pattern of.....	38	
Family fares.....	38	
Florida excursion fares.....	53	
Income of 16 domestic trunk airlines.....	15, 63	
Militarization of airlines.....	111	
Mid-Continent granted portion of Parks route.....	98	
Mileage flown by 16 domestic trunk airlines.....	5, 34, 39	
Northwest Airlines, commodity rates between Anchorage and the United States.....	26	
Outlook of airlines for 1950, statement by D. W. Rentzel.....	40	
Pan American denied permit for Rome flights.....	34	
Pan American denied permit for system of domestic routes.....	99	
Rates and fares, discussion by Joseph J. O'Connell, Jr.....	51	
Regularity of service, statement by D. W. Nyrop.....	121	
Route policy of Civil Aeronautics Board.....	75	
Safety record of airlines in 1949.....	1	
Scheduled air carrier operations, statistics on.....		
10, 18, 19, 20, 21, 22, 30, 31, 32, 33, 44, 56, 57, 58, 59, 68, 69, 70, 71, 80, 81, 82, 83, 91, 92, 93, 102, 103, 104, 105, 114, 115, 116, 117, 126, 127, 128, 129, 138, 139, 140, 141.		
Service in Florida extended.....	108	
Traffic potential on short hauls.....	110	
United granted Los Angeles-Hawaii route.....	108	
United, proposed tariff suspended.....	24	
Use of Bradley Field by scheduled airlines.....	105	
Voluntary through service.....	135	
World Directory of Scheduled Common Carrier Airlines, CAB report.....	26	
<b>Airmen:</b>		
Certificates issued in 1949.....	1	
Flight instructors, number of tabulated by States.....	9	
Glider pilots, number of tabulated by States.....	17	
Helicopter pilots, number of tabulated by States.....	17	
New airman certificates issued.....	134	
Pilot examiner program changed.....	49	
Recommendations for increased proficiency of private fliers.....	86	
Security check of airmen.....	99	
Women holding airman ratings, number of tabulated by States.....	24	
<b>Airport Development:</b>		
Atomic device assists in airport construction.....	134	
Federal aid airport program.....	4, 40, 133	
Federal aid airport program, address on by D. W. Rentzel.....	49	
Federal aid airport program, grant offers made.....	5	
Federal Airport Act, continuation of.....	47	
Federal Airport Act, fourth annual report.....	24	
Integrated with RTCA program.....	49	
National airport plan for 1950.....	61	
National Parks and Monuments, development of airports for.....	72	
Planning, address on airport planning by Phillips Moore.....	65	
Recommendations of Airports Advisory Committee.....	46	
Single strip landing areas.....	48	
Airport Use Committee, recommendations of.....	56, 57, 87	
<b>Airports:</b>		
Abandoned airports, macking of.....	46	
Airport Use Committee, recommendations of.....	56, 57, 87	
Airports Advisory Committee, recommendations of.....	4, 86	
Castered landing-gear, effect of on airport construction.....	48	
City-to-airport highways.....	12, 46	
Heliports, recommendations of Airports Advisory Committee.....	47	
Intermediate landing fields, standards for.....	73	
Jet aircraft, effect on airport operations.....	111	
Los Angeles International operations.....	15, 29, 39, 65, 79, 89, 101, 113, 125, 137	
Management practices.....		
Miami International operations.....	7, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
Oakland Municipal operations.....	7, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
Rates and charges at airports.....	47, 86	
Role of airports in National defense plans.....	99	
San Francisco Municipal operations.....	7, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
Surplus airports.....	46	
Surplus intermediate fields.....	73	
Washington National Airport operations.....	17, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
<b>Airports Advisory Committee:</b>		
Inventory of civil aviation resources proposed.....	85	
Recommendations of Committee discussed by D. W. Nyrop.....	120	
Recommendations regarding civil aviation's defense role.....	97	
<b>Airports Advisory Committee:</b>		
Letter from D. W. Rentzel to Chairman regarding recommendations.....	4	
Recommendations of committee.....	86	
Report on Los Angeles meeting of committee.....	46	
<b>Aviation Development Advisory Committee:</b>		
Inventory of civil aviation resources proposed.....	85	
Recommendations of Committee discussed by D. W. Nyrop.....	120	
Recommendations regarding civil aviation's defense role.....	97	
<b>Cargo:</b>		
Air express.....	40	
Air freight.....	69	
International air freight forwarders.....	53	
Schedule unreliability, effect on development of air cargo.....	50	
<b>Civil Aeronautics Administration:</b>		
Airport development.....	12, 48, 49, 61, 111, 132	
Airways facilities, development of.....	25, 37, 50, 73, 87, 97, 121	
CAM Supplements and Aviation Safety Releases.....	11, 17, 45, 55, 76, 105, 126, 142	
Cameras developed for studying aeronautical problems.....	134	
Defense activities of CAA.....	25, 37, 72, 85, 97, 120, 132	
Federal Airport Act, fourth annual report on.....	24	
Films and filmstrips distributed by CAA.....	72	
Manuals and Supplements.....	4, 23, 34, 45, 55, 67, 76, 94, 107, 118, 130, 142	
Nautical mile adopted as standard of measurement.....	96	
Promotion of civil aviation by CAA.....	14	
Releases by CAA.....	2, 14, 35, 38, 58, 62, 74, 93, 98, 110, 122, 134	
Services to pilots.....	133	
State laws affecting aviation tabulated by CAA.....	63	
Technical Standard Orders.....	61	
<b>Civil Aeronautics Board:</b>		
Accidents, testimony of CAB employees regarding.....	125	
Airline Traffic Survey for March 1949.....	92	
Annual Report of Civil Aeronautics Board.....	26	
California-Nevada service.....	9, 60	
Civil Air Regulations.....	4, 23, 34, 45, 55, 67, 76, 94, 107, 118, 130, 142	
Economic Regulations of CAB.....	54, 78, 88	
Feeder airlines, CAB policy regarding.....	38, 75	
Florida summer excursion fares.....	53	
Florida trunkline service.....	108	
International air freight forwarders.....	53	
Milwaukee-Chicago-New York restrictions.....	81	
Mississippi Valley and southeastern States service.....	5	
New England States service.....	60	
North Atlantic route transfer application.....	95	
Official actions of CAB.....	6, 16, 20, 42, 54, 66, 78, 88, 100, 112, 124, 136	
Pan American World Airways domestic route application.....	99	
Parks Air Line investigation.....	98	
Procedural Regulations.....	6, 42, 124	
Promotional fares, CAB policy regarding.....	38	
Releases by CAB.....	2, 14, 35, 38, 58, 62, 74, 93, 98, 100, 122, 134	
South Texas service.....	108	
Southern and southeastern States service.....	108	
Summer charter flights to Europe.....	108	
Civil Air Regulations:		
Airworthiness parts, annual review of.....	13	
Airworthiness rules, revision of.....	122	
Amendments, revisions, and special regulations.....	6, 16, 28, 42, 54, 66, 78, 88, 100, 112, 124, 136	
Certification and operation rules.....	123	
Proposed revision of Part 18, 24, 52, and 53.....	10	
Civil Aviation Highlights.....	7, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
<b>D</b>	7	
<b>Dusting and Spraying:</b>		
Activity in 1950.....	73	
Aircraft for dusting and spraying.....	74	
Chemicals and their uses in dusting and spraying.....	74	
Combating insect pests in forests.....	77	
Cotton crop in Missouri area saved by planes.....	132	
Dispensing equipment.....	74	
Firms engaged in dusting and spraying, lists of.....	96	
Grasshopper control.....	5, 77	
Special plane for agricultural flying, development of.....	5, 20, 74	
Spraying by cities to control insect pests.....	5	
<b>E</b>	E	
<b>Education and Training:</b>		
Conference of Kansas school superintendents.....	53	
Films and film strips available from CAA.....	72	
<b>Engine Shipments:</b>	2, 23, 26, 39, 59, 81, 87, 94, 106, 116, 132, 135	
<b>Engines, Jet:</b>		
Airport operations, effects of jet aircraft on.....	62	
Avro Jetliner.....	62	
DeHavilland Comet, demonstration of.....	77	
Jet-powered transports.....	14	
<b>F</b>	F	
<b>Feeder Airlines:</b>		
(See also Airlines)		
Certificate renewals, Board action on.....	38	
Challenger certificate extension.....	36	
Challenger-Monarch merger.....	12	
Monarch-Arizona merger.....	60	
Monarch certificate extension.....	36	
New England service.....	60	
Ozark Airlines awarded feeder route.....	98	
Parks Air Lines, certificate nullified.....	98	
Pioneer certificate extended.....	116, 134	
Route development, address on by Josh Lee.....	75	
South Texas service extended.....	108	
Southern States, service in.....	108	
Southwest Airways extension authorized.....	9	
Statement by Joseph J. O'Connell, Jr.....	38	

# Index to CAA Journal—Concluded

(January 15—December 15, 1950, Inclusive)

## G

Gliders:	
Amendments to Part 20.....	88
Glider pilots, number of tabulated by States.....	17
Women glider pilots, number of tabulated by States.....	24

## H

Helicopters:	
Helicopter pilots, tabulated by States.....	17
Heliports, development of.....	47
Night flying under instrument conditions.....	60
Revision of Part 6.....	22, 122

## I

Industrial Flying:	
(See also Dusting and Spraying)	
Aerial Ambulance Directory prepared by CAA.....	97
Business flying, growth of.....	63
Business flying in 1948.....	40
Instructional flying in 1948.....	12
Intermediate landing fields, standards for.....	73
International Aviation:	
(See also Airlines)	
Delays at international borders reduced.....	109
Foreign air carrier permits issued.....	26, 33, 35, 48, 75, 77, 96, 110, 134, 140
Group flights to Europe.....	3, 63
Inspections at ports of entry.....	36
Revenue passengers in 1949.....	40
Round trip excursion fares.....	
Safety record of international routes.....	
Scheduled international air carrier operations.....	18, 19, 30, 44, 56, 57, 68, 69, 80, 81, 91, 93, 102, 103, 115, 117, 127, 129, 139, 141
Transit visa requirements for international air travelers.....	60
Irregular Air Carriers:	
American Air Transport, Board order regarding flights by.....	36
Passengers carried in 1949.....	40
Seaboard and Western, Board order regarding operations.....	84
Special exemptions for large irregular carriers, Board policy on.....	80
Summer charter flights to Europe.....	3, 63
Transocean Air Lines, Board order regarding operations of.....	84
Viking Airliners, letter of registration revoked.....	84
Westair Transport certificate suspended.....	110

## L

Landing Gears, Castered:	
Air Force studies castered landing gears.....	16
Application to transport planes.....	5
Effect on airport construction.....	48
Installations, increase in.....	5
Use of by scheduled airlines.....	20
Landing and Navigation Aids:	
Air traffic at busy airports speeded.....	135
Aircraft direction finders, contract for.....	87
Airport surveillance radar units, contracts for.....	73
Airways based on omniranges.....	121
Airways beacons.....	73
DME equipment, contract for.....	37
Facilities maintained by Office of Federal Airways.....	15, 95
Features of RTCA common system of air navigation.....	50
Federal airways system of CAA.....	14, 15, 25, 37, 50, 73, 95, 121
High intensity runway lights, royalty fee for.....	47
Mechanical interlock system for air-traffic control.....	97
New installations of equipment by CAA.....	14
Null reference antenna.....	133
Omnidirectional antennas, plastic domes for.....	75
Radar units, contracts for.....	73
Radio.....	5, 85, 133
Three-year airways program of CAA.....	25
Traffic control towers and airways communications stations consolidated.....	108
VHF-ADF installations, contract for.....	87
Law and Regulations, State:	
Actions against air safety violators in Michigan.....	48
State laws affecting civil aviation, tabulation of by CAA.....	63

## M

Maps and Charts:	
Aeronautical chart sales.....	125
Sectional aeronautical charts.....	36
VOR facilities shown on special series of charts.....	135
Mechanics:	
Mechanics certificates, proposed revision of Part 24.....	10
Women mechanics, number of tabulated by states.....	24

## N

Nyrop, Donald W.:	
Appointed Administrator of Civil Aeronautics.....	109
Corporation Aircraft Owners Association, address before.....	63
International Northwest Aviation Council, address at meeting of.....	120
Massachusetts Institute of Technology, address at conference on ground facilities.....	111
Tennessee Aviation Conference, address at meeting of.....	121

## P

Personal News Items:	
Davis, William B., appointed Deputy Director of Office of Aviation Safety.....	134
Fleming, Maj. Gen. Philip B., sworn in as Under Secretary of Commerce for Transportation.....	
Hemphill, Merle W., appointed Deputy Director of Office of Airports.....	96
Longacre, Charles L., appointed Special Assistant to Chairman D. W. Rentzel.....	72
Macatee, Walter R., in charge of city-to-airport highway program.....	140
Nyrop, Donald W., appointed Administrator of Civil Aeronautics.....	12
Rentzel, D. W., appointed Chairman of the Civil Aeronautics Board.....	109
Rough, Howard, appointed civil aviation advisor in Paris.....	106
Sibley, Eugene, named chief of ICAO Division of CAA.....	31
Simon, S. Thomas, appointed Assistant Chief Examiner of CAB.....	32
Verner, James M., appointed Executive Assistant to D. W. Rentzel.....	132

Private Flying:	
Accidents in.....	63
Aircraft use in 1948.....	70
Gains made in 1948.....	12
Survey of 1948 flying.....	1
Propeller output in 1949.....	53

Publications:	
Aircraft Use in 1948.....	70
Airline Traffic Survey for March 1949.....	92
Airmen's Guide, new aids for airmen added.....	1
Aerophoto Patterns of Soils in Western United States.....	36
Airport Landscaping.....	132
Airport Terminal Activities and Utilization.....	140
Ambulance Directory compiled by CAA.....	97
Annual Report of Civil Aeronautics Board.....	26
CAA Statistical Handbook of Civil Aviation, 1949 edition.....	25
CAM 18, revised edition.....	3
Civil aircraft by States and counties, CAA report.....	35
Civil airmen, totals by States and counties.....	35
Federal aid airport program, Regulations of the Administrator concerning.....	93
Firms engaged in industrial flying, lists of.....	96
Flight Information Manual, danger areas listed in.....	1
Geographic Aspects of the Civil Aircraft Market (CAA study).....	45
Human Equation in Aircraft Accidents (CAB report).....	48
ANC Procedures for the Control of Air Traffic.....	37
RTCA reports published.....	11, 51, 84, 125

Seaplane Facilities:	
Technical Development report on windshields.....	84
Transportation report of Secretary Sawyer to the President.....	33
World Directory of Scheduled Common Carrier Airlines.....	26

LIBRARY	
COLLEGE OF ENGINEERING	
DUKE UNIVERSITY	

RADIO TECHNICAL COMMISSION FOR AERONAUTICS (RTCA):	
Common system of air navigation proposed by.....	11, 51, 84, 125

Publications of RTCA:	
-----------------------	--

RENTZEL, D. W.:	
Air Transportation Institute, address before.....	11
Airport Operators Council, address before.....	49
American Association of Airport Executives, address before.....	52
American Road Builders' Association, address before.....	48
Appointed Chairman of the Civil Aeronautics Board.....	109
House Interstate and Foreign Commerce Committee, statement to.....	40
Institute of Navigation, address before.....	25
Letter to Chairman, CAA Airports Advisory Committee.....	4
National Association of State Aviation Officials, address before.....	132
Senate Interstate and Foreign Commerce Committee, statement before.....	62
Statement on civil aviation activities in 1949.....	1

SAFETY:	
Air transport safety, promotion of by CAA.....	

AGRICULTURAL FLYING, SAFETY IN.....	
-------------------------------------	--

ANTIHISTAMINE DRUG, USE OF BY PILOTS.....	
---	--

FATAL "WEATHER" ACCIDENTS, STUDY OF BY CAA.....	
---	--

FLIGHT PLANS.....	
-------------------	--

FUEL TENDERS AT AIRPORTS.....	
-------------------------------	--

PASSENGER FATALITY RATE, DOMESTIC AND INTERNATIONAL AIRLINES.....	
---	--

PILOT ERROR IN ACCIDENTS.....	
-------------------------------	--

PRIVATE AVIATION, SAFETY RECORD OF.....	
---	--

PROMOTION OF SAFETY BY CAA.....	
---------------------------------	--

STALL.....	
------------	--

STALL RECOVERY TECHNIQUE DEMONSTRATED.....	
--	--

STALL WARNING INDICATORS.....	
-------------------------------	--

TWO-WAY RADIO AS SAFETY FACTOR.....	
-------------------------------------	--

WEATHER REPORTS, VALUE OF IN SAFE FLYING.....	
---	--

SCHOOL, FLIGHT AND GROUND:	
----------------------------	--

CAA APPROVED SCHOOLS, TOTALS TABULATED BY STATES.....	
---	--

FLIGHT CURRICULUM FOR PRIMARY FLIGHT SCHOOLS, SR-355.....	
---	--

STATISTICS:	
-------------	--

AIRPORTS, TABULATION OF BY STATES.....	
--	--

AERONAUTICAL INDUSTRY SALES.....	
----------------------------------	--

AIR MAIL, TON-MILES FLown.....	
--------------------------------	--

9, 91, 93, 102, 103, 105, 114, 115, 117, 126, 127, 129, 138, 139, 141	
---	--

AIRCRAFT IN USE BY SCHEDULED AIRLINES.....	
--	--

AIRCRAFT USE IN 1948.....	
---------------------------	--

AIRCRAFT USE IN 1947-48.....	
------------------------------	--

AIRCRAFT WEIGHT PRODUCTION IN 1949.....	
---	--

AIRCRAFT WEIGHT SHIPMENTS.....	
--------------------------------	--

3, 15, 35, 39, 48, 50, 64, 77, 94, 107, 118, 119, 128, 140	
--	--

AIRCRAFT SURVEY FOR MARCH 1949.....	
-------------------------------------	--

CIVIL AIRCRAFT EQUIPMENT SHIPMENTS.....	
---	--

3, 23, 26, 39, 59, 69, 81, 87, 105, 116, 132, 135	
---	--

AIRCRAFT WEIGHT SHIPMENTS.....	
--------------------------------	--

3, 15, 35, 39, 48, 50, 64, 77, 107, 118, 119, 128, 140	
--	--

CIVIL AIRCRAFT, TABULATED BY STATES.....	
--	--

CIVIL AIRCRAFT ACTIVITIES IN 1949, SURVEY OF.....	
---	--

7, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
---	--

CIVIL AIRCRAFT HIGHLIGHTS.....	
--------------------------------	--

7, 15, 29, 39, 52, 65, 79, 89, 101, 113, 125, 137	
---	--

CIVIL AIRCRAFT WEIGHT SHIPMENTS.....	
--------------------------------------	--

10, 18, 19, 20, 21, 22, 30, 31, 32, 33, 44, 56, 57, 58, 59, 68, 69, 70, 80, 81, 82, 83, 91, 92, 93, 102, 103, 104, 105, 114, 115, 116, 117, 126, 127, 128, 129, 138, 139, 140, 141	
--	--

SCHEDULED MILEAGE FLown BY 16 DOMESTIC TRUNK AIRLINES.....	
--	--

5, 34, 39, 43	
---------------	--

SCHOOLS APPROVED BY CAA, BY STATES.....	
---	--

9, 33	
-------	--

STATISTICAL STUDY OF CIVIL AIRCRAFT.....	
--	--

24	
----	--

WOMEN IN AVIATION, TABULATED BY STATES.....	
---	--

16	
----	--

WASHINGTON NATIONAL AIRPORT:	
------------------------------	--

AIRCRAFT PASSENGER TRAFFIC.....
---------------------------------

Page
63
70
12
1
53
70
92
1
36
132
140
97
26
25
3
35
35
93
96
1
45
48
37
11, 51, 84, 125
142
84
33
26

11, 51, 84, 125

—	14
—	49
—	52
—	48
—	109
—	40
—	25
—	4
—	132
—	62
—	1

5
74
13
84
37, 133
47
1
48, 63
40
5, 14
48, 63, 85
121
5, 48, 63, 85
84, 86
84

9, 33  
124

... 51, 106, 131

-- 11, 77, 119  
71, 80, 81, 83,  
85, 86, 87, 88

9, 138, 139, 141  
----- 21

70  
12

40  
, 119, 128, 140

92

, 119, 128, 140  
----- 26

1

77, 119  
9  
12

17  
17

15, 63

12  
43

— 53, 119  
— 8, 9,  
— 82, 83, 86

71, 80, 81, 82,  
129, 138, 139,

- 5, 34, 39, 43

9, 33  
109  
81

24

6

95

, 113, 125, 137  
----- 16

65

JOURNAL

1980